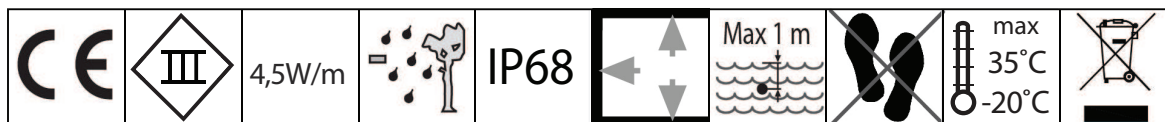
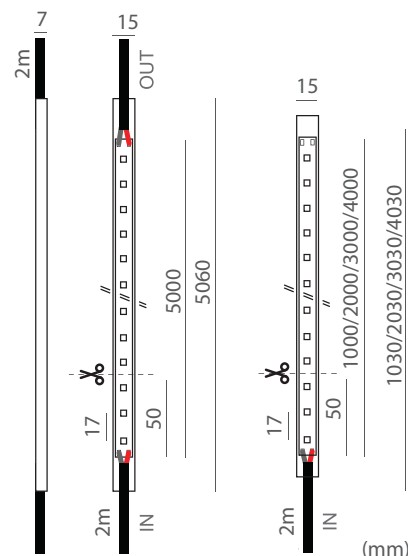


MRIG09100060RE
MRIG09200060RE
MRIG09300060RE
MRIG09400060RE
MRIG09500060RE
MRIG0910006WRE
MRIG0920006WRE
MRIG0930006WRE
MRIG0940006WRE
MRIG0950006WRE
MRIG0910006NRE
MRIG0920006NRE
MRIG0930006NRE
MRIG0940006NRE
MRIG0950006NRE
MRIG09100061RE
MRIG09200061RE
MRIG09300061RE
MRIG09400061RE
MRIG09500061RE



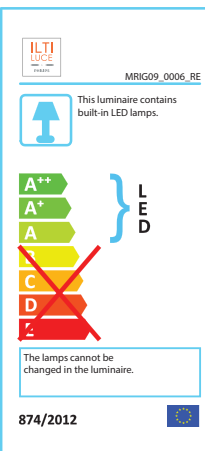
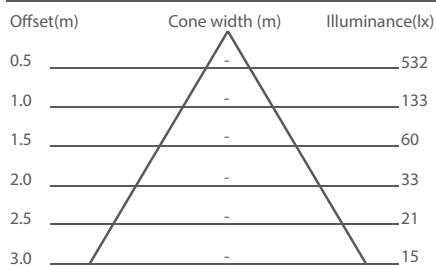
Striscia LED flessibile con grado di protezione IP68. Utilizzabile in indoor o outdoor come luce funzionale/decorativa.

IP68 flexible LED strip. Suitable for indoor or outdoor as functional/decorative light.

Staffe di fissaggio incluse.
Included fixing clips.



Warm White - 1 m (MRIG0910006WRE)



General Information	Caractéristiques Générales	Allgemeine Informationen	Informazioni generali	
Material	Matériaux	Materialien	Materiali	PVC + polyurethan resin
Number of light sources	Nombre de Source(s)	Anzahl Lichtquellen	Numero sorgenti lum.	60 LED/m
Fixing system	Système de fixation	Befestigungssystem	Sistema di fissaggio	clips
Driver included	Driver intégré	Treiber inklusive	Driver incluso	NO
Protection class IEC	Classe électrique	Schutzklasse	Classe di isolamento	III
IP code	IP	Schutzart	Grado IP	IP 68
IK code	IK	Schlagfestigkeit (IK)	Grado IK	/
Optic type	Optique	Optik	Ottica	transparent
Cable	Câble	Kabel	Cavo	2 m
Dimmable	Gradable	Dimmbar	Dimmerabile	YES
European Community mark	Marquage CE	CE-Zeichen	Marchio comunità europea	CE
Lifetime to 80% luminous flux	Durée vie 80% flux lumineux	Lebensdauer bis 80% Lichtstrom	Durata funzion. (80% flusso)	30 000 h
Weight (kg)	Poids (kg)	Gewicht (kg)	Peso (Kg)	0,215 kg (1m) - 1,2 kg (5m)
Electrical	Caractéristiques Electriques	Elektrische Kenndaten	Corrente	
Input voltage	Tension d'alimentation	Netzspannung	Tensione di alimentazione	12 V
Initial performances	Performances initiales	Anfängliche Leistung	Performance iniziali	
Initial input power	Initial input power	Systemleistung	Potenza di sistema	4,5 W/m
Initial luminous flux	Initial luminous flux	Lichtstrom	Flusso luminoso iniziale	400 lm ca.
Initial LED luminaire efficacy	Initial LED luminaire efficacy	Effizienz	Efficienza luminosa iniziale	90 lm/W ca.
Init. Corr. Color Temperature*	Init. Corr. Color Temperature*	Farbtemperatur*	Temperatura colore lampada*	3350 K - 4500 K - 6500 K
CRI	IRC	CRI	CRI	80
Application conditions	Conditions d'application	Einsatzbedingungen	Condizioni applicazione	
Ambient temperature range	Température ambiante	Umgebungstemperatur	Temperatura ambiente	max. +35°C - min. -50°C

* Colour temperature could change max. +/- 8%.

RIGA Monochrome Version

Technical Features

- Led Strip sheathed in white profile and encapsulated in a polyurethane resin
- Fully waterproof IP68 and can be used both indoor and outdoor
- Good weather resistance and excellent UV light stability
- Dimmable
- Possibility to cut to length
- Transparent & Opal version**

Benefits

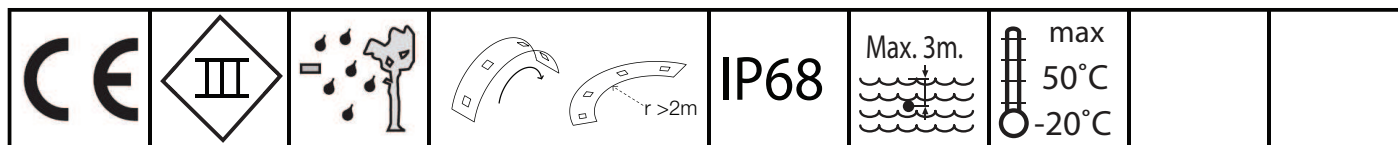
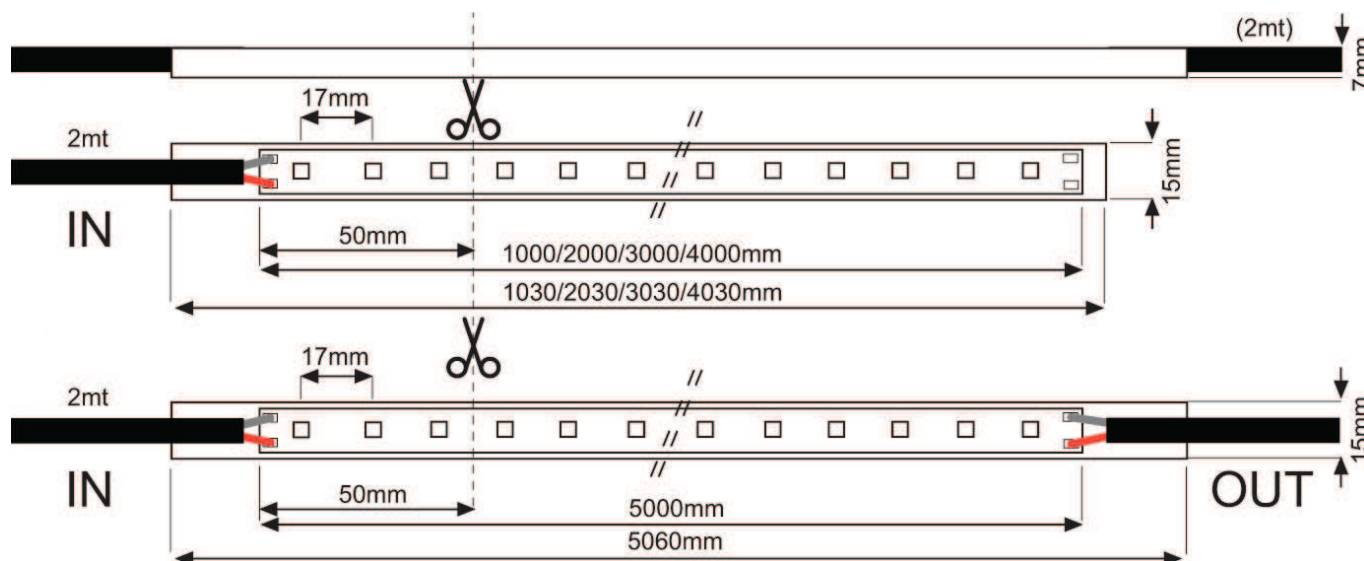
- Fully waterproof IP68 and can be used both indoor and outdoor.
- Available in warm white(3000/3500°K), cool white(6000/7000°K),neutral white(4000-5000°K) blue and different lengths: 1,2,3,4 and 5mt.
- Easy installation with IP68 cable connectors(not included**)
- Extremely flexible
- Can be cut to length every 5cm

Technical Data

Product	Color	Number of LEDs	Voltage [V DC]	Power [W]	Radiance Angle[°]	Color Temp [K] Clear Version	Lum. Flux [lm]
MRIG09_00060RE	pure white	60/MT	12	4,5/MT	120	6700 +/-500	400
MRIG09_0006NRE	neutral white	60/MT	12	4,5/MT	120	4800 +/-500	400
MRIG09_0006WRE	warm white	60/MT	12	4,5/MT	120	3400 +/- 250	400
MRIG09_00061RE	blue	60/MT	12	4,5/MT	120	/	/

- Cable included 1x200cm - HORN8-F type - 2x1MM²
- 5MT version: Cable included 2x200cm(IN and OUT) - HORN8-F type - 2x1MM²
- 5MT - Absolute Maximum Rating : 2A (Forward Current)

Drawings



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RIGA White Version*

- parallel connection allowed

Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the LED module.

Feeder (not included)

WALIMLED09W12V (220 ÷ 240V; 50-60Hz) - up to 2mt RIGA WV (indoor)

WALIMLED025/12 (90 ÷ 277V; 50-60Hz) - up to 5mt RIGA WV (indoor)

WALIMLED060/12 (100 ÷ 240V; 50-60Hz)- up to 10mt RIGA WV (indoor/outdoor)

WALIMLED100/12 (100 ÷ 240V; 50-60Hz)- up to 20mt RIGA WV (indoor/outdoor)

A

feeder

WALIMLED060/12

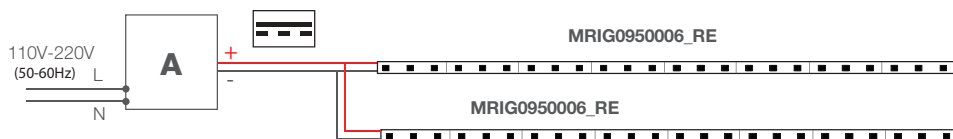
60W-12V / IP66

up to 10mt of RIGA Monochrome

product

MRIG0950006WRE

RIGA White Version 12V (5mt)



A

feeder

WALIMLED060/12

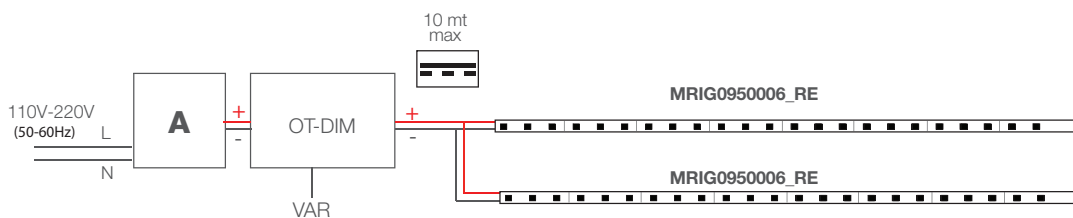
60W-12V / IP66

up to 10mt of RIGA Monochrome

product

MRIG0950006_RE

RIGA Version 12V (5mt)



OT-DIM

dimmer

WBOKOTDIM (50W max)

VAR

variatore/current variation

WBOKVAR

B

feeder

WALIM/DIMM/JOLLY

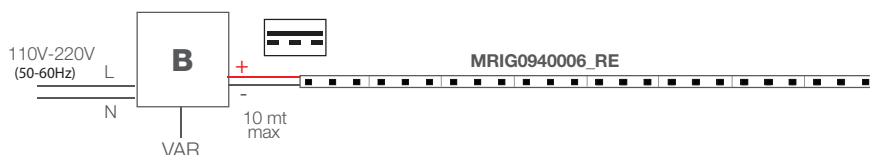
20W-12V / IP20

up to 4mt of RIGA WV

product

MRIG0940006_RE

RIGA 12V (4mt)



VAR

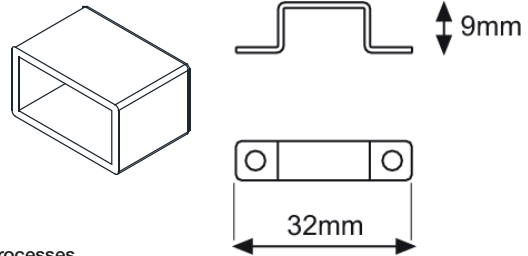
variatore/current variation

WBOKVAR

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Accessories

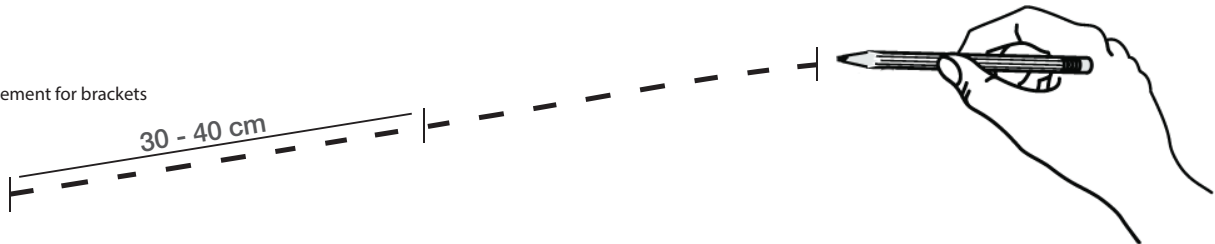
- Clips (included)
- End Cap (PE LD) included - to use with silicon glue



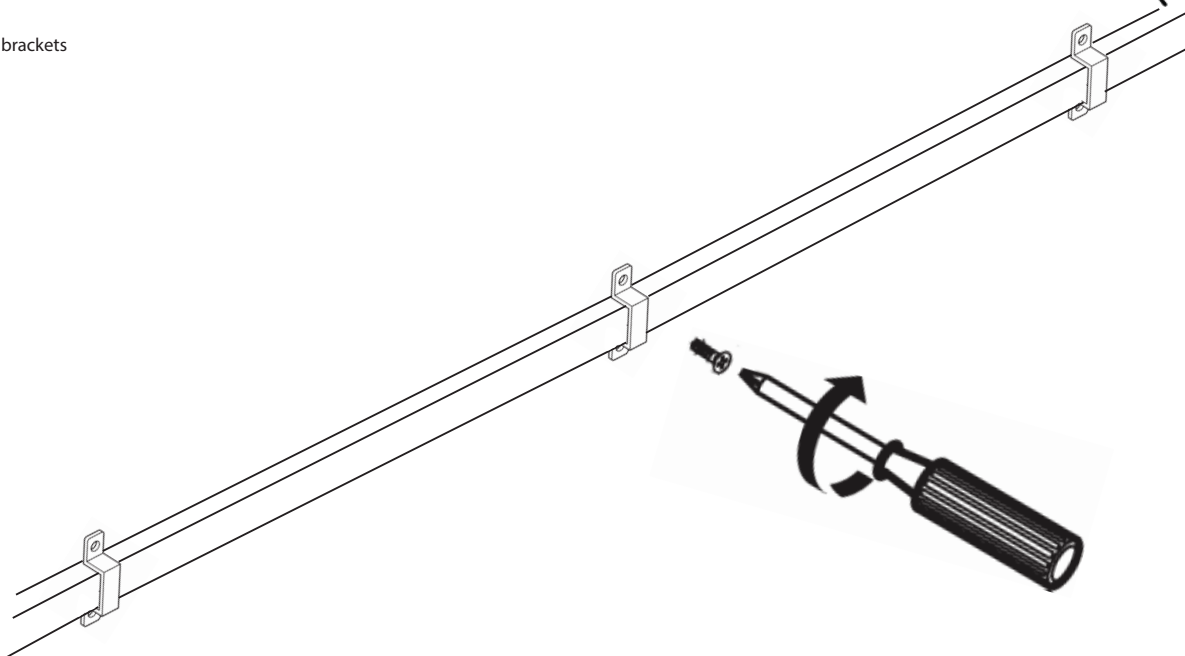
Safety Information

- The LED module itself and all its components must not be mechanically stressed.
- Average CCT colour temperature, this value can vary due to the manufacturing processes.
- Dominant wavelength, this value can vary due to the manufacturing processes.
- Exceeding maximum ratings for operating and storage will reduce expected life time or destroy the product.
- The minimum bending radius is 10 cm.
- Operating Temperature: -20°C / +50°C
- Lifetime 30.000 hours @ Ta = +35 °C
- Assembly must not damage or destroy conducting paths on the circuit board.
- Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the LED module.
- Please ensure that the power supply is of adequate power to operate the total load.
- LED inside the chain are not replaceable.
- The cables in this product are not replaceable.
- Installation of LED modules (with power supplies) needs to be made with regard to all applicable electrical and safety standards.
- Only qualified personnel should be allowed to perform installations.
- Drawings and dimensions are only to be used as indication, please contact us for exact measurements and tolerances.
- Typical performance data are subject to change without any further notice.

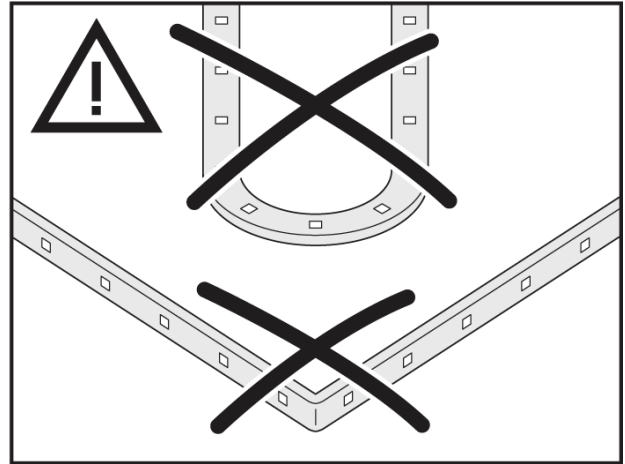
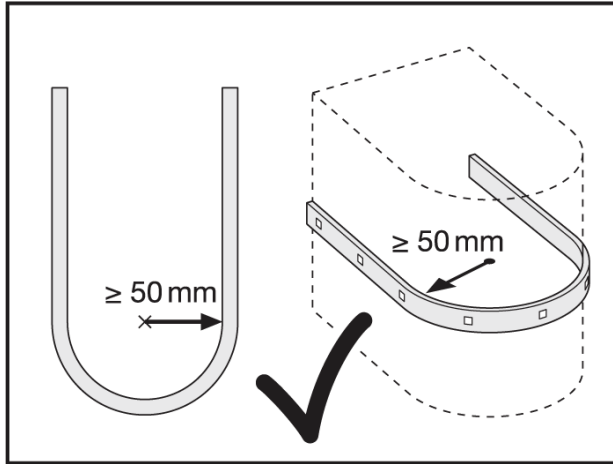
- Mark placement for brackets



- Install brackets



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MRIG0910006WRE

download

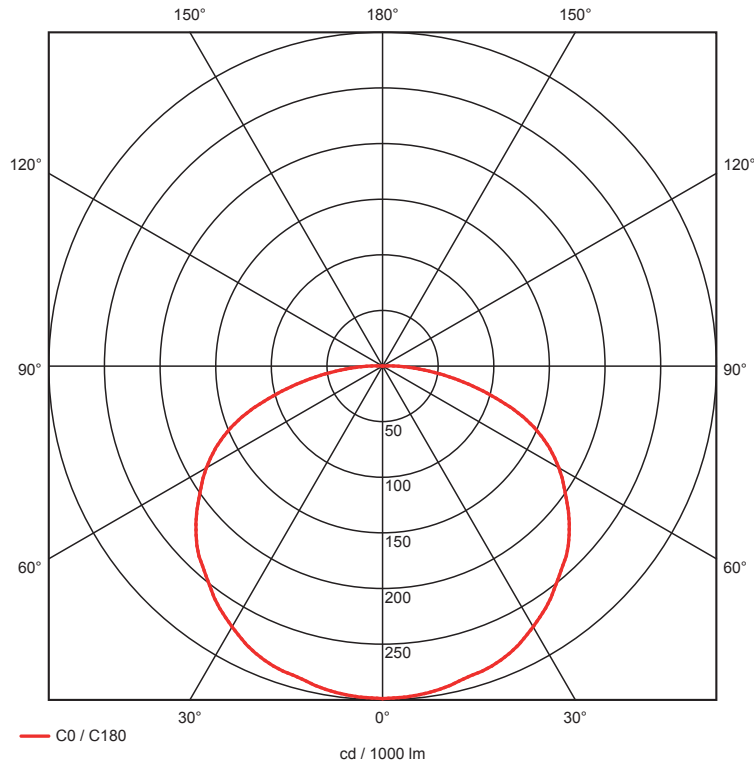


tabella di riepilogo prodotti/ product overview table

codice/ code	colore/ colour	tipo/ type	potenza/ power	caratteristiche/ specifications	fascio ottico/ optic beam	ottica/ optic	tipo di LED/ LED type	materiale/ material	fissaggio/ fixation	IP/ IP
MRIG09100060RE	cool white	esterni/ outdoor	4,5W	L= 103cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG09200060RE	cool white	esterni/ outdoor	9W	L= 203cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG09300060RE	cool white	esterni/ outdoor	13,5W	L= 303cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG09400060RE	cool white	esterni/ outdoor	18W	L= 403cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG09500060RE	cool white	esterni/ outdoor	22W	L=506cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG0910006WRE	warm white	esterni/ outdoor	4,5W	L= 103cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG0920006WRE	warm white	esterni/ outdoor	9W	L= 203cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG0930006WRE	warm white	esterni/ outdoor	13,5W	L= 303cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG0940006WRE	warm white	esterni/ outdoor	18W	L= 403cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG0950006WRE	warm white	esterni/ outdoor	22W	L=506cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG0910006NRE	neutral white	esterni/ outdoor	4,5W	L= 103cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG0920006NRE	neutral white	esterni/ outdoor	9W	L= 203cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG0930006NRE	neutral white	esterni/ outdoor	13,5W	L= 303cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG0940006NRE	neutral white	esterni/ outdoor	18W	L= 403cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG0950006NRE	neutral white	esterni/ outdoor	22W	L=506cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG09100061RE	blu/ blue	esterni/ outdoor	4,5W	L= 103cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG09200061RE	blu/ blue	esterni/ outdoor	9W	L= 203cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG09300061RE	blu/ blue	esterni/ outdoor	13,5W	L= 303cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG09400061RE	blu/ blue	esterni/ outdoor	18W	L= 403cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68
MRIG09500061RE	blu/ blue	esterni/ outdoor	22W	L=506cm	120°	fissa/ fixed	nastro LED media emissione/ LED strip medium emission	PVC e resina/ PVC and resin	con staffe/ with brackets	68